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44. The method according to Claim 43, wherein said condition is characterized by the occurrence of seizures.

- 45. The method according to Claim 43, wherein said condition is epilepsy.
- 46. The method according to Claim 43, wherein said method results in a decrease in seizure proneness.
- 47. The method according to Claim 43, wherein said host is a mammalian host.
- 48. A method of treating a host suffering from a condition resulting from excessive activity of glutamate receptors, said method comprising:

administering to said host an amount of a serine protease inhibitor effective to treat said host for said condition.

- 49. The method according to Claim 48, wherein said excessive activity results from hypoxia, head trauma or stroke.
- 50. The method according to Claim 48, wherein said host is a mammalian host.
- 51. A method of preventing the onset of a condition characterized by increased synaptic responsiveness in a host, which method comprises:

administering to said host an amount of a serine protease inhibitor effective to prevent onset of said condition.

- 52. The method according to Claim 51, wherein said condition is characterized by the occurrence of seizures.
- 53. The method according to Claim 51, wherein said condition is epilepsy.
- 54. The method according to Claim 51, wherein said host is a mammalian host. --